

Message Text

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E.O. 11652: N/A

TAGS: TSPA

SUBJECT: NASA GRANTEE TO PARTICIPATE IN STUDY OF POSSIBLE
METEORITIC IMPACT CRATERS

1. PROFESSOR SUSAN W. KIEFFER OF GEOLOGY DEPARTMENT, UCLA,
HAS BEEN INVITED BY ROMAN ALVAREZ, PROFESSOR OF GEOPHYSICS
CUIDAD UNIVERSITARIA ON BEHALF OF INSTITUTO DE GEOFISICA TO
PARTICIPATE IN FIELD TRIP FEBRUARY 16-23 TO PUEBLA STATE TO STUDY
POSSIBLE METEORITE IMPACT CRATERS. SHE HAS ALSO BEEN INVITED TO
GIVE TWO TALKS AT INSTITUTO'S SEMINARY ON IMPACT CRATERS.
INSTITUTO WILL PROVIDE DOLS 200 TOWARD HER EXPENSES.

2. ALVAREZ IS A PRINCIPAL INVESTIGATOR IN NASA'S LUNAR
SAMPLE PROGRAM. KIEFFER IS STUDYING METEORITE IMPACT PHENOMENA
UNDER NASA GRANT NSG 7052. SOME SMALL AMOUNT OF GRANT MONEY
HAS BEEN APPROVED IN CONNECTION WITH THIS TRIP.

3. BASED ON AVAILABLE DATA, QUITE POSSIBLE THAT TEPEXITL
SITE IS METEORITE IMPACT CRATER IN BASALT AND SAMPLES FROM
CRATER WOULD BE VALUABLE ANALOGS TO SHOCKED LUNAR BASALTS
SHE IS STUDYING FOR NASA.

4. PLAN IS THAT ANY ROCK MATERIAL SHIPPED WILL BE DONE BY
ALVAREZ. KIEFFER HAS BEEN ADVISED BY NASA OFFICIALS TO NOT
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REPEAT NOT ATTEMPT EXPORT OF SAMPLES HERSELF.

5. ABOVE SUPPLIED AS BACKGROUND INFO FOR EMBASSY USE SHOULD
QUESTIONS/PROBLEMS ARISE IN CONNECTION WITH SUBJECT TRIP AND
ANY SUBSEQUENT SHIPMENT OF ROCK MATERIALS.

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